



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

44046.203.15.3

SERIAL NO.

10/724,485

APPLICANT

Bond

FILING

28 November 2003

GROUP

1775

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|------------|-------|----------|-------------------------------|
| A | 3,721,584 | 3/1973 | Diem | 359 | 580 | |
| | 3,885,855 | 5/1975 | Gross | 359 | 360 | |
| | 3,895,155 | 7/1975 | Shukuri | 428 | 206 | |
| | 3,996,461 | 12/1976 | Sulzbach | 250 | 214 | |
| | 4,166,018 | 8/1979 | Chapin | 204 | 192 | |
| | 4,187,336 | 2/1980 | Gordon | 428 | 34 | |
| | 4,262,056 | 4/1981 | Hubly | 428 | 446 | |
| | 4,308,316 | 12/1981 | Gordon | 428 | 336 | |
| | 4,319,803 | 3/1982 | Burmeister | 385 | 128 | |
| | 4,377,613 | 3/1983 | Gordon | 428 | 212 | |
| A | 4,515,151 | 5/1985 | Slemmons | 126 | 709 | |
| | 4,546,050 | 10/1985 | Amberger | 428 | 630 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|-----------------------|--------------------|---------------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| A | WO 9320256 | 10/1993 | PCT | | | | |
| | EP 0456488 | 11/1991 | EP | | | | |
| | EP 0500445 | 8/1992 | EP | | | | |
| | EP 0546302 | 6/1993 | EP | | | | |
| | EP 0567735 | 11/1993 | EP | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|---|
| A | AIRCO Coating Technology Symposium Proceedings, (Mar. 1990). |
| | Pawlewicz et al., "Multilayer Optical Coating Fabrication by D.C. Magnetron Reactive Sputtering" Proc. SPIE-Int. Soc. Opt. Eng. (1986). |

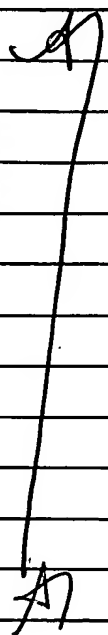

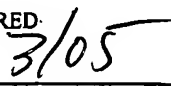
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | ATTY. DOCKET NO. 44046.203.15.3 | | SERIAL NO. 10/724,485 | | |
|--|--|--|---|------------------------------------|-------|--------------------------|-------------------------------|----|
| | | | | APPLICANT Bond | | | | |
| | | | | FILING 28 November 2003 | | GROUP 1775 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| A | | 4,609,267 | 9/1986 | Deguchi | 351 | 163 | | |
| | | 4,649,088 | 3/1987 | Mitsui | 428 | 697 | | |
| | | 4,716,086 | 12/1987 | Gillery | 428 | 630 | | |
| | | 4,780,372 | 10/1988 | Tracy | 428 | 428 | | |
| | | 4,786,563 | 11/1988 | Gillery | 428 | 630 | | |
| | | 4,796,291 | 1/1989 | Makino | 455 | 415 | | |
| | | 4,806,220 | 2/1989 | Finley | 204 | 192.27 | | |
| | | 4,826,525 | 5/1989 | Chesworth | 65 | 60.2 | | |
| | | 4,828,346 | 5/1989 | Jacobsen | 359 | 360 | | |
| | | 4,885,186 | 12/1989 | Grolig | 427 | 539 | | |
| A | | 4,861,669 | 8/1989 | Gillery | 428 | 434 | | |
| | | 4,885,186 | 12/1989 | Grolig | 427 | 539 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| A | | EP 0 718 250 | 6/1996 | EP | | | | |
| | | FR 2579197 | 9/1986 | FR | | | | |
| | | JP 7232369 | 5/1972 | JP | | | | |
| | | JP 56104928 | 1/1983 | JP | | | | |
| | | JP 63100043 | 2/1988 | JP | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| A | | Beister et al., "Advanced Layer Systems and Coating Techniques for Large-Area Glass Coatings by High-Rate Sputtering" Glastech. Ber. (1993) pp. 175-183. | | | | | | |
| A | | Koss et al., "Design of Selective Transmissive/reflective Coatings for Windows" J. Vac. Sci. Technol., A (1992) pp. 1892-1896. | | | | | | |
| EXAMINER [Signature] | | | DATE CONSIDERED 3/05 | | | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | | ATTY. DOCKET NO. 44046.203.15.3 | | SERIAL NO. 10/724,485 | |
|--|----------------------|---|-------------------|-----------------------------|------------------------------------|-------------------------------|--------------------------|--|
| | | | | | APPLICANT Bond | | | |
| | | | | | FILING 28 November 2003 | | GROUP 1775 | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| | 4,900,633 | 2/1990 | Gillery | 428 | 432 | | | |
| | 4,902,081 | 2/1990 | Huffer | 359 | 360 | | | |
| | 4,920,006 | 4/1990 | Gillery | 428 | 432 | | | |
| | 4,938,857 | 7/1990 | Gillery | 204 | 192.27 | | | |
| | 4,946,712 | 8/1990 | Goodman | 427 | 166 | | | |
| | 4,965,121 | 10/1990 | Young | 359 | 360 | | | |
| | 5,000,528 | 3/1991 | Kawakatsu | 359 | 585 | | | |
| | 5,059,295 | 10/1991 | Finley | 204 | 192.27 | | | |
| | 5,091,244 | 2/1992 | Bionard | 428 | 216 | | | |
| | 5,110,662 | 5/1992 | Depauw | 428 | 192 | | | |
| 5,119,231 | 6/1992 | Nelson | 359 | 359 | | | | |
| 5,135,808 | 8/1992 | Kimock | 428 | 336 | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| DOCUMENT NUMBER | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | | |
| | | | | | | YES | NO | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | | McCarthy et al., "Deposition of Dielectric Optical Coatings: A Microstructural Study of the Deposited Layers and Interfaces" Mater. Res. Soc. Symp. Proc. (1989). | | | | | | |
| | | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED 3/05 | | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | ATTY. DOCKET NO. 44046.203.15.3 | | SERIAL NO. 10/724,485 | | |
|--|--|-----------------|---------|--|-------|--------------------------|-------------------------------|----|
| | | | | APPLICANT Bond | | | | |
| | | | | FILING 28 November 2003 | | GROUP 1775 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
|  | | 5,153,054 | 10/1992 | Depauw | | | | |
| | | 5,168,003 | 12/1992 | Proscia | | | | |
| | | 5,190,807 | 3/1993 | Kimock | | | | |
| | | 5,217,753 | 6/1993 | Goodman | | | | |
| | | 5,234,748 | 8/1993 | Demiryont | | | | |
| | | 5,239,406 | 8/1993 | Lynam | | | | |
| | | 5,242,560 | 9/1993 | Lingle | | | | |
| | | 5,248,545 | 9/1993 | Proscia | | | | |
| | | 5,254,392 | 10/1993 | Burns et al. | | | | |
| | | 5,262,633 | 11/1993 | Kasai et al | | | | |
| | | 5,279,722 | 1/1994 | Szczyzbowski | | | | |
| | | 5,296,302 | 3/1994 | O'Shaughnessy | 428 | 472 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| EXAMINER  | | | | DATE CONSIDERED:  | | | | |


EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | | | |
|---|--|--|--|---|--|--------------------------------|--|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | ATTY. DOCKET NO. 44046.203.15.3 | | SERIAL NO. 10724,485 | |
| | | | | APPLICANT Bond | | | |
| | | | | FILING 28 November 2003 | | GROUP 1775 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|--|--|-----------------|---------|---------------|-------|----------|----------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|  | | 5,298,048 | 3/1994 | Lingle | | | |
| | | 5,318,685 | 6/1994 | O'Shaughnessy | | | |
| | | 5,342,676 | 8/1994 | Zagdoun | | | |
| | | 5,344,718 | 9/1994 | Hartig | | | |
| | | 5,376,455 | 12/1994 | Hartig | | | |
| | | 5,377,045 | 12/1994 | Wolfe | | | |
| | | 5,398,133 | 3/1995 | Tsai et al. | | | |
| | | 5,411,794 | 5/1995 | Kawaguchi | | | |
| | | 5,418,019 | 5/1995 | Chen | | | |
| | | 5,425,861 | 6/1995 | Hartig | | | |
| | | 5,433,988 | 7/1995 | Fukuda | | | |
| | | 5,510,173 | 4/1996 | Pass | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|-----------------|------|---------|-------|----------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|--|--|
| | | |
| | | |

| | |
|---|-----------------------------|
| EXAMINER  | DATE CONSIDERED 3/05 |
|---|-----------------------------|


EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|---|---|--------------------------------|
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | ATTY. DOCKET NO. 44046.203.15.3 | SERIAL NO. 10724,485 |
| | APPLICANT Bond | |
| | FILING 28 November 2003 | GROUP 1775 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|-----------------|--------|---------|-------|----------|-------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| <i>A</i> | | 5,520,996 | 5/1996 | Balian | | | |
| | | 5,521,765 | 5/1996 | Wolfe | | | |
| | | 5,543,229 | 8/1996 | Ohsaki | | | |
| | | 5,552,180 | 9/1998 | Finley | | | |
| <i>A</i> | | 5,705,278 | 1/1998 | Gillery | | | |
| | | 6,274,244 | 8/2001 | Finley | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|-----------------|------|---------|-------|----------|-------------|----|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|--|--|
| | | |
| | | |

| | |
|--|--------------------------------|
| EXAMINER  | DATE CONSIDERED 3/05 |
|--|--------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.